User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 16:49:10

Sample: AE05031
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 16:48 Ended: 3/29/02 16:48 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		93		5.0

Comments for Sample AE05031 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 16:49:20

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 1of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2602\5031.D Vial: 23
Acq On : 27 Mar 2002 7:32 am Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 29 11:24 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	649004	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	2480115	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	1350631	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1880119	20.00	ug/l	-0.13
38) Chrysene-d12	33.70	240	919390	20.00	ug/l	-0.14
44) Perylene-d12	37.94	264	514297	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.72	235	87966	4.66	ug/mL	0.22
Spiked Amount 5.000			Recovery = 93.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.94	128	395	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.54	165	191	N.D.		
25) Diethylphthalate	22.67	149	1557	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

(#) = qualifier out of range (m) = manual integration

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.70	178	261	N.D.	
34) Anthracene	25.70	178	261	N.D.	
35) Di-n-butylphthalate	27.60	149	2003	N.D.	
36) Fluoranthene	29.33	202	104	N.D.	
39) Pyrene	30.01	202	271	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.70	228	1993	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.91	149	950	N.D.	
43) Chrysene	33.70	228	1993	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	0.00	252	0	N.D.	
47) Benzo(k)fluoranthene	0.00	252	0	N.D.	
48) Benzo(a)pyrene	37.94	252	1922	N.D.	
49) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

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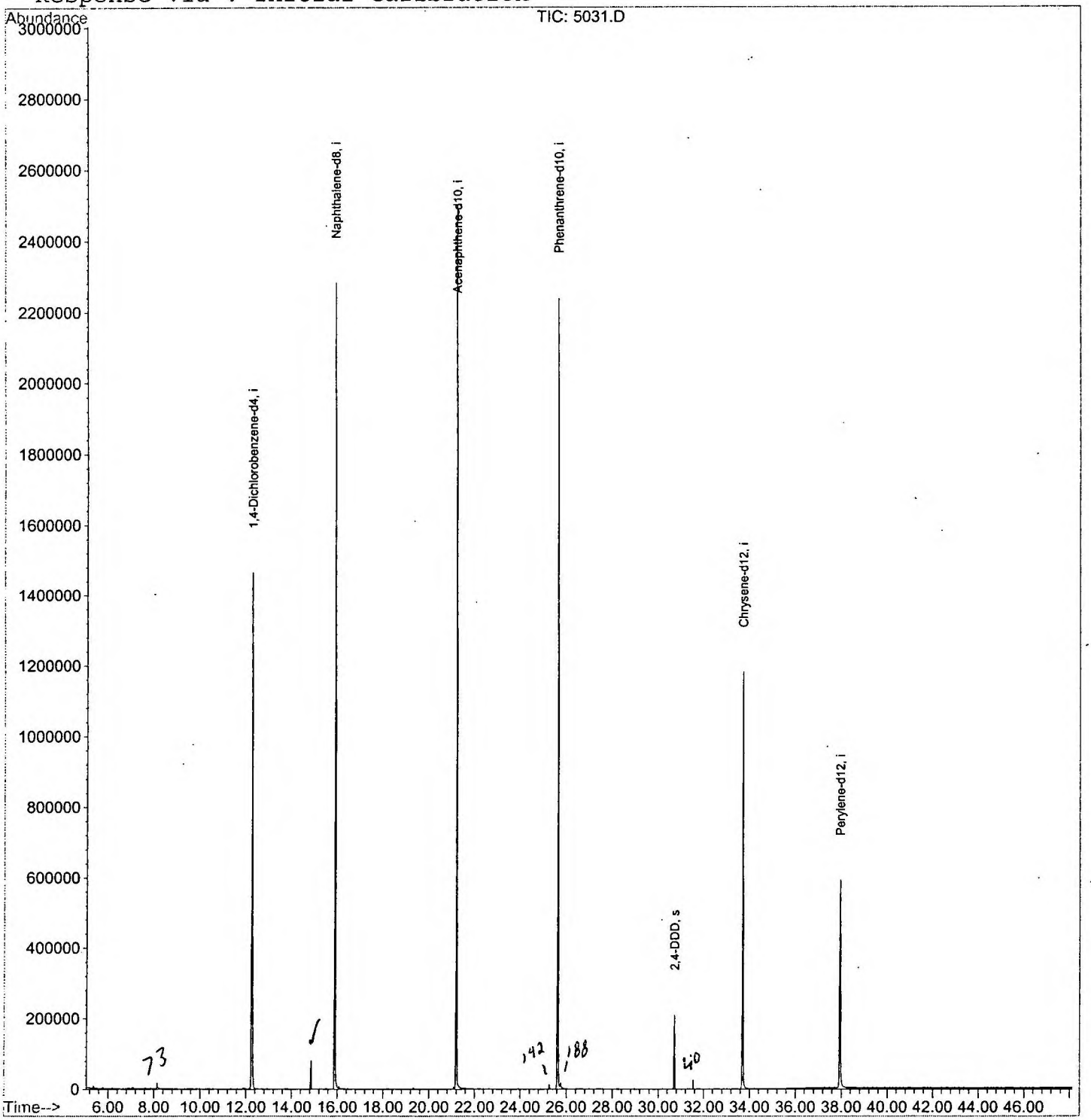
Acq On : 27 Mar 2002 7:32 am Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 29 11:24 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2602\5031.D Vial: 23
Acq On : 27 Mar 2002 7:32 am Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

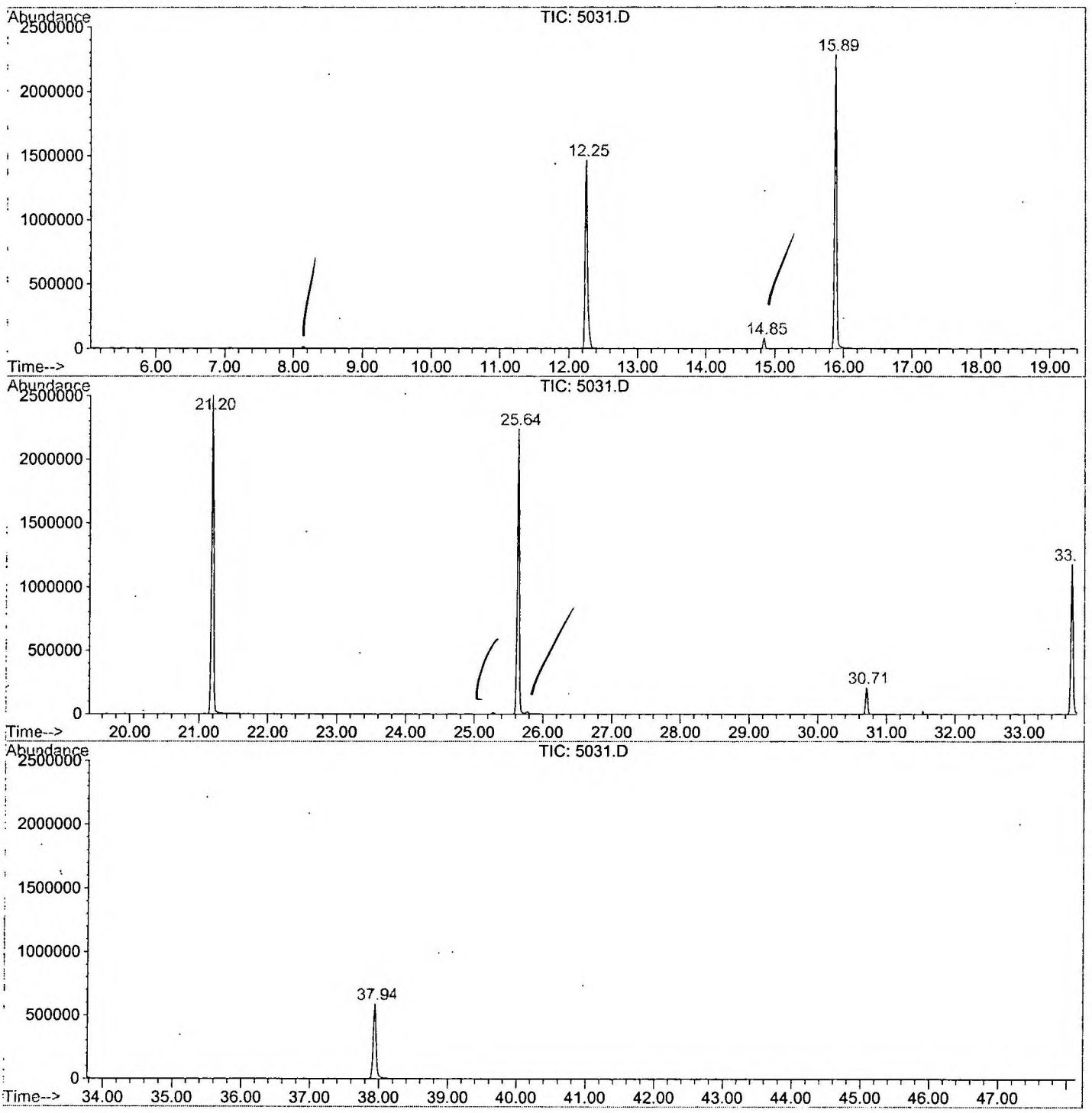
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.254	779	785	800	rVB	1463156	3499568	68.99%	15.287%
2	14.852	1063	1068	1073	rVB	81031	158843	3.13%	0.694%
3	15.890	1174	1181	1197	rBV	2282133	4654526	91.76%	20.332%
4	21.196	1752	1759	1769	rBV	2502829	5072767	100.00%	22.159%
5	25.639	2236	2243	2254	rBV2	2239090	4689550	92.45%	20.485%
6	30.707	2790	2795	2805	rVB	210361	431186	8.50%	1.884%
7	33.699	3114	3121	3135	rBV	1181325	2635687	51.96%	11.513%
8	37.941	3574	3583	3608	rBV	587673	1750672	34.51%	7.647%

Sum of corrected areas: 22892799

5031.D GCMS0308.M Fri Mar 29 11:36:00 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2602\5031.D
Operator :
Acquired : 27 Mar 2002 7:32 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/7
Misc Info :
Vial Number: 23
Quant File :GCMS0308.RES (RTE Integrator)



5031.D GCMS0308.M Fri Mar 29 11:36:07 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\5031.D Vial: 23
Acq On : 27 Mar 2002 7:32 am Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

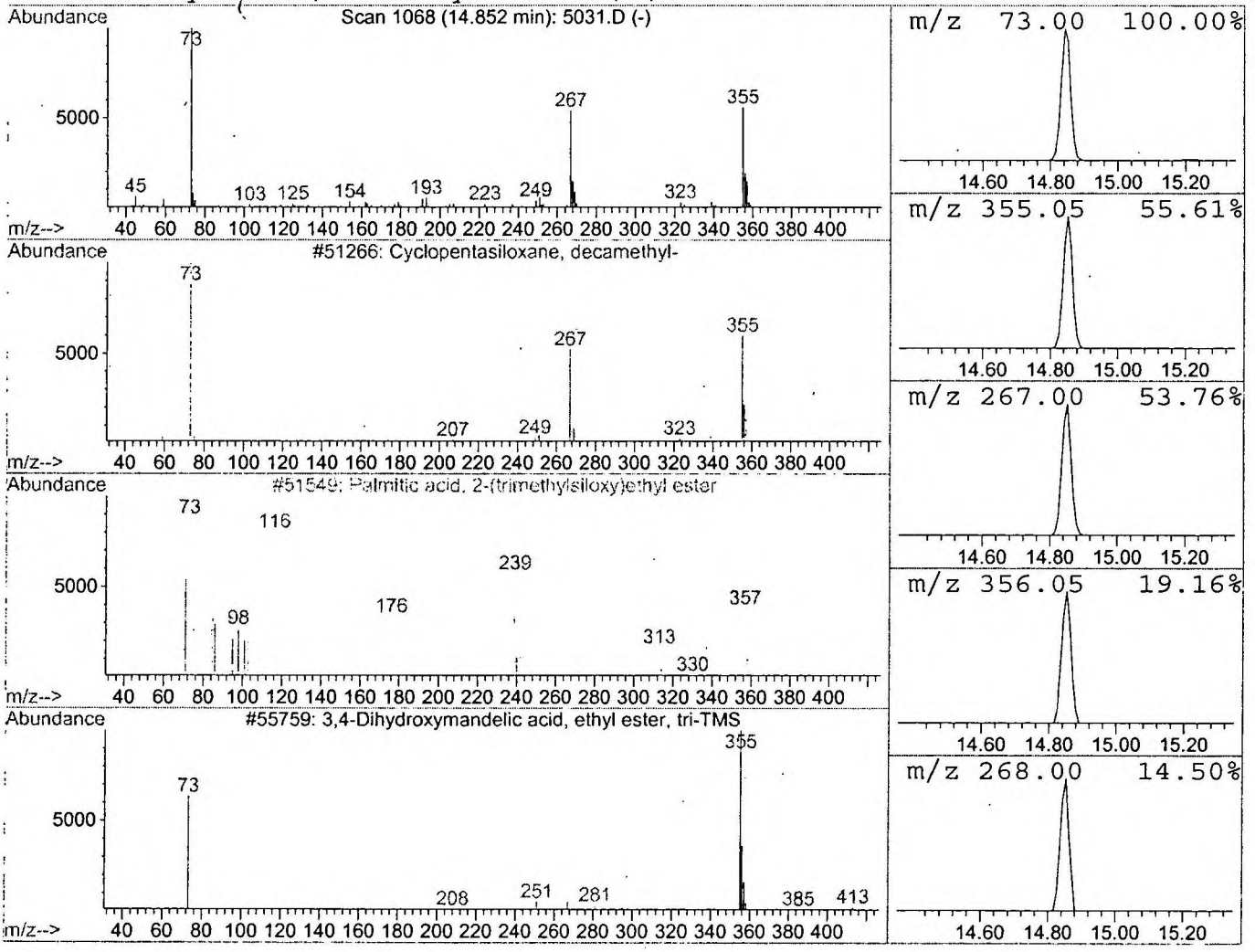
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	0.68 ug/l	158843	Naphthalene-d8	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	76
2	Palmitic acid, 2-(trimethylsiloxy)e	372	C21H44O3Si	022613-62-3	53
3	3,4-Dihydroxymandelic acid, ethyl e	428	C19H36O5Si3	000000-00-0	50
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	47



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 27 Mar 2002 7:32 am
Data File: C:\HPCHEM\1\DATA\MAR2602\5031.D
Name: gc/ms scan 3/7
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
~~Cyclopentasiloxane,~~	14.85	0.7	ug/l	158843	ISTD02	15.89	4654530	20.0

5031.D GCMS0308.M Fri Mar 29 11:36:18 2002